

Atmospheric CO2 Is At A Record Level (& Still Climbing)

Newstex Blogs

jobsanger

June 12, 2024 Wednesday 5:02 AM EST

Delivered by Newstex LLC. All Rights Reserved
Copyright 2024 jobsanger

Length: 359 words

Body

June 12th, 2024 (jobsanger — Delivered by Newstex)

The following is from the National Oceanic and Atmospheric Administration:

Carbon dioxide is accumulating in the atmosphere faster than ever — accelerating on a steep rise to levels far above any experienced during human existence, scientists from NOAA and the Scripps Institution of Oceanography [offsite link](#) at the University of California San Diego announced today.

Scientists at Scripps, the organization that initiated CO2 monitoring at Mauna Loa in 1958 and maintains an independent record, calculated a May monthly average of 426.7 ppm for 2024, an increase of 2.92 ppm over May 2023's measurement of 423.78 ppm. For Scripps, the two-year jump tied a previous record set in 2020.

From January through April, NOAA and Scripps scientists said CO2 concentrations increased more rapidly than they have in the first four months of any other year. The surge has come even as one highly regarded international report [offsite link](#) has found that fossil fuel emissions, the main driver of climate change, have plateaued in recent years.

'Over the past year, we've experienced the hottest year on record, the hottest ocean temperatures on record and a seemingly endless string of heat waves, droughts, floods, wildfires and storms,' said NOAA Administrator Rick Spinrad, Ph.D. 'Now we are finding that atmospheric CO2 levels are increasing faster than ever. We must recognize that these are clear signals of the damage carbon dioxide pollution is doing to the climate system, and take rapid action to cut fossil fuel use as quickly as we can.'

Ralph Keeling, director of the Scripps CO2 program that manages the institution's 56-year-old measurement series, noted that year-to-year increase recorded in March 2024 was the highest for both Scripps and NOAA in Keeling Curve history.

'Not only is CO2 now at the highest level in millions of years, it is also rising faster than ever,' said Keeling. 'Each year achieves a higher maximum due to fossil-fuel burning, which releases pollution in the form of carbon dioxide into the atmosphere. Fossil fuel pollution just keeps building up, much like trash in a landfill.'

Notes

The views expressed in any and all content distributed by Newstex and its re-distributors (collectively, the "Newstex Authoritative Content") are solely those of the respective author(s) and not necessarily the views of Newstex or its re-distributors. Stories from such authors are provided "AS IS," with no warranties, and confer no rights. The material and information provided in Newstex Authoritative Content are for general information only and should not,

Atmospheric CO2 Is At A Record Level (& Still Climbing)

in any respect, be relied on as professional advice. Newstex Authoritative Content is not "read and approved" before it is posted. Accordingly, neither Newstex nor its re-distributors make any claims, promises or guarantees about the accuracy, completeness, or adequacy of the information contained therein or linked to from such content, nor do they take responsibility for any aspect of such content. The Newstex Authoritative Content shall be construed as author-based content and commentary. Accordingly, no warranties or other guarantees are offered as to the quality of the opinions, commentary or anything else appearing in such Newstex Authoritative Content. Newstex and its re-distributors expressly reserve the right to delete stories at its and their sole discretion.

Load-Date: June 12, 2024

End of Document